

## ABSTRACT OF THE DISCLOSURE

The RAID system of this invention is able to function with undiminished capacity despite the failure of any one DASD, connector, or storage array controller. A signal is produced when any component fails, thereby alerting the operator of the need to replace the failed component. The reliability of this RAID system is achieved by using two connectors for each connection, by using a spare DASD for each channel of DASD, and by providing a passive storage array controller able to assume the identify of and take over the control of the DASD controlled by a failed storage array controller. This is a reliable, inexpensive system for achieving unprecedented reliability in the storage and delivery of data.

Drawings.

9 sheets.

SEQUENCE LISTING.

Not Applicable

2digi8.013